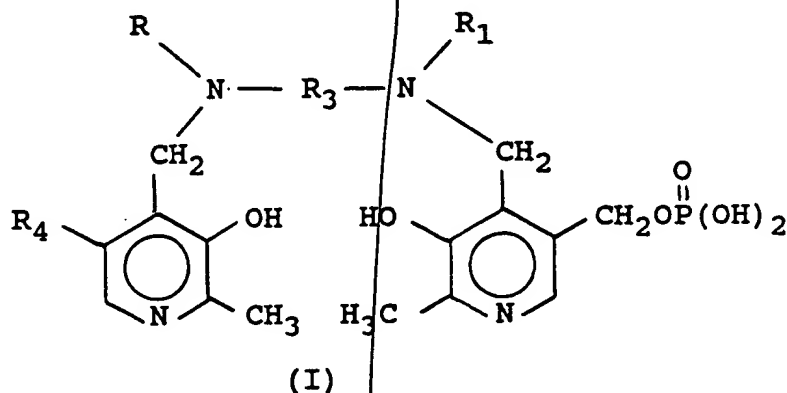


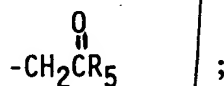
In the Claims

1. (Amended) A chelating compound of the formula:

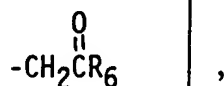


wherein

R is hydrogen or



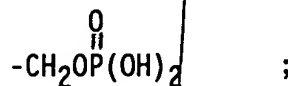
R<sub>1</sub> is hydrogen or



and one of R and R<sub>1</sub> is other than hydrogen;

R<sub>3</sub> is alkylene having from 1 to 8 carbons, 1,2-cycloalkylene having from 5 to 8 carbons, or 1,2-arylene having from 6 to 10 [carbons, or] carbons;

R<sub>4</sub> is hydrogen, hydroxymethyl, alkyl having from 1 to 6 carbons or



R<sub>5</sub> and R<sub>6</sub> are each, individually, hydroxy, alkoxy having from 1 to 18 carbons, hydroxy-substituted alkoxy having from 1 to 18 carbons, amino or alkylamido having from 1 to 18 carbons;

B7  
Concl.

the phosphate group mono and diesters of the compounds thereof with monohydric and polyhydric alcohols having from 1 to 18 carbons, or alkylamino alcohols, each having from 1 to 18 carbons, and the salts thereof.

B8

35. (Amended) An NMRI contrast medium composition of Claim 34 containing [containing] a calcium salt of the chelate wherein the molar ratio of calcium to chelating compound is from 0.05 to 1.0.

B9

50. (Amended) An improvement in the method for performing NMR imaging of Claim 44 wherein the compound is  
N,N'-bis-(pyridoxal-5-phosphate)ethylenediamine-N,N'-diacetic acid,  
[N,N'-bis-(pyridoxl)-5-phosphate)-trans-1,2-cyclohexyldiamine-N,N'-diacetic]  
N,N'-bis-(pyridoxl-5-phosphate)-trans-1,2-cyclohexyldiamine-N,N'-diacetic  
acid, or a salt thereof.

51. (Amended) An improvement in the method for performing NMR imaging of Claim 44 wherein the metal ion is manganese(II) and the compound is  
N,N'-bis-(pyridoxal-5-phosphate)ethylenediamine-N,N'-diacetic acid,  
[N,N'-bis-(pyridoxl)-5-phosphate)-trans-1,2-cyclohexyldiamine-N,N'-diacetic]  
N,N'-bis-(pyridoxl-5-phosphate)-trans-1,2-cyclohexyldiamine-N,N'-diacetic  
acid, or a salt thereof.